

RECEIVED
CENTRAL FAX CENTER

SEP 21 2006

Atty Docket No. 015389-002940US

PTO FAX NO.: 1-571-273-8300

ATTENTION: Examiner Susan NMN Ungar

Group Art Unit 1642

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER Toni Scheiner

CERTIFICATION OF FACSIMILE TRANSMISSION


I hereby certify that the following documents in re Application of Thomas Cech et al., Application No. 08/854,050, filed May 9, 1997 for NOVEL TELOMERASE are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Transmittal (1 p.);
2. Fourth Supplemental Amendment (13 pp.).

Number of pages being transmitted, including this page: 15

Dated: September 21, 2006


Yvonne Mock

**PLEASE CONFIRM RECEIPT OF THIS PAPER BY
RETURN FACSIMILE AT (415) 576-0300**

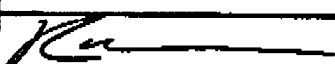
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834
Telephone: 650-326-2400
Fax: 650-326-2422
0295

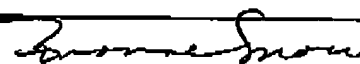
60874649 v1

PTO/SB/21 (07-06)

| | | | |
|--|----------------------|------------------------|-----------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 08/854,050 | |
| | Filing Date | May 9, 1997 | |
| | First Named Inventor | Thomas R. Cech | |
| | Art Unit | 1642 | |
| | Examiner Name | Susan NMN Ungar | |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number | 015389-002940US |

RECEIVED
CENTRAL FAX CENTER
SEP 21 2006

| ENCLOSURES (Check all that apply) | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Supplemental Amendment (13 pp.) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm Name | Townsend and Townsend and Crew LLP | |
| Signature |  | |
| Printed name | Randolph T. Apple | |
| Date | September 21, 2006 | Reg. No. 36,429 |

| CERTIFICATE OF TRANSMISSION | | | |
|---|---|------|--------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. 1-571-273-8300, on September 21, 2006. | | | |
| Signature |  | | |
| Typed or printed name | Yvonne Mock | Date | September 21, 2006 |

60874630 v1

SEP 21 2006

I hereby certify that this correspondence is being facsimile
transmitted to the United States Patent and Trademark Office,
Fax No. 1-571-273-8300 on September 21, 2006.

PATENT
Attorney Docket No.: 015389-002640US
Client Ref. No.: 018/213C

By: _____

Yvonne Mock
Yvonne Mock

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas Cech et al.

Application No.: 10/044,692

Filed: January 11, 2002

For: NUCLEIC ACID VACCINES FOR
ELICITING AN IMMUNE RESPONSE
AGAINST TELOMERASE REVERSE
TRANSCRIPTASE

Customer No.: 34151

Confirmation No. 3439

Examiner: Susan NMN Ungar, Ph.D.

Technology Center/Art Unit: 1642

FOURTH

SUPPLEMENTAL AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.